

encodes
first phe
in seq listing

Described
as SEQ ID NO: 1
+ 2

GAATTCGGCTTGATCAATCGCTTCAAAAAGGGGATCTGTGAGTGC CGCAAGAACCGTTGTAATAG
CATTGGCTACAATGCCAAGAAATGAGGAACAAGAGGAACAGCAAAATCTACCTAAAAACCCGGGCAG

7 Coding region
E F G L I N R F K K G I C L S C R / K N R C N S
GCCTTCAGAGGTAACCTTCAGTCCCTGGAGTGCTCCCTGAGGAAGGCCCTTAATACCTCCTTCTTAAT

Coding region
I G Y N A K K M R N / K R N S K M Y L K T R A
ACCATGCTGCAGAGCAGGGCACATCCTAGCCAGGAGAGTGCCAGCAATCCAATCAAAATCGTTG

Coding region 8
P F R G N L Q S L E C P . G R P L I P P S .
TCAGATTACACTGTGCATGTCCTAGGAAGGGAATCTTACAAATAACAGTGTGGACCCCTCAAAA

Y H A A E Q G T S . P R R S G Q H N P I K S L /
AAAAAAAAGCCGAATTC

367
I R L H C A C P R K G N L Y K I N S V D P S K
K K K S R I 42

Gly-met-Pro
2 / 30

To Applicant

FIG. 2

Described
as SEQ ID NO:
34

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Lys-Ala-Thr

-le-le-thr
FIG. 3A

GAATCGGCTTCTACTACTAGGCCACGGCTCGCCTAGTACGGGGGGGGGGGGGGTTCAGCGAG
TCCTTGCTCCCGGGCTCAGGACGAGGCGAGATCTCGTTCTGGGCAAGCCGTTGACACTCGCTCC
R I R L L L L L G H A S P S T G G G G V S E
CCCGGCTCCGTGCGCAAGTTTTCATTTCCACCTTCTGTGCTCCAGTCCCCAGCCCTGGCCG
S L P P G G S G R G Q I S F W G K P L T L A P
AGAGAAGGCTCTACCGCGCGGATGCTGGAAACACCAAGAGGTGGTTTTTGTATTAACCTTCT
P G S V P P S F H F P P S L P P V P Q P L A
GAGGGGTGTGGCGGCGAGGATGAGCAACTCCGTTCTCTGCTCTGTTCTGGAGCCTCTGCTATTG
E R R V L P A G I A G N T K R W F L F F K T S
CTTGTGCGGGAGCCCGTACCTTTTGGTCCAGAGGCGGTGGAAGATAAGCTCCACAACCCA
E G V W R G R M S N S V P L L C F W S L C Y C
AGACTGAGGTCAAACCATCTGTGAGGTTTAACCTCCGACCTCCAAGGACCCAGAGCATGAAGGATGC
F A A G S P V P F G P E G / R L E D K L H K P
TACCTCTCCGTGCGCCACAGCCAGCCCTTAGAAGACTGCAGTTTCAACATGACAGCTAAACCTTTT
Q T E V / K P S V R F N L R T S K D P E H E G C
CGGATGGACGATGAGCGGTATCTTTGAAAACTGGCTGCACAAACTCGTGTGAGCCCTGCACACAAG
Y L S V G H S Q P L E D C / S F N M T A K T F F
AGAAAGACGCCAATGTAGTTGTGTTGACTGGCTCCCTCCCTGGCCACAGCTTTACACGGATCGGTC

99
sequences

_____ Coding region: 5' RACE extension _____
G W T / M S G I F E N W L H K L V S A L H T R
AGG GTG GTG GAC ACAG CAT TGC CAG GAT GCT CGA CTG GCT CGA GGA AGG AC GAT TTT TCT CT CGG

_____ Coding region: 5' RACE extension _____
E K D A N V V V D W L P L A H Q L Y T D A V
GAATG TCACCTG GCTACAG CCTCGGAG CGCACGTG GCGCGTATG CAGGCA ACTTCGTGAAG

_____ Coding region: 5' RACE extension _____
R V V / G H S I A R M L D W L Q E K D D / F S L G
GCCGAATCA CAGGTTGGATCCTGCGGCGCCATGTTGAAGGGCCGACATCCACAAGAGGCTCTCT

_____ Coding region: 5' RACE extension _____
N V H L I G Y S L G A H / V A G Y A G N F V K
CCGACGATGCAGATTTGTGGATGTCCTCCACACCTACACGCGTTCCTCGGCTTGAGCATTGGTAT

_____ Coding region: 5' RACE extension _____
G R I / T G L D P A G P M F E G A D I H K R L S
TGTGGCQACATTGACATCTACCCCAATGGGGTGACTTCCAGCCAGGCTGTGGACTCAACGATGTCT

_____ Coding region: 5' RACE extension _____
P D D A D F V D V L H T Y T R S F G L S I G I
TGGGATCAATTGCATATGGAACAATCACAGAGGTGGTAAATGTGAGCATGAGCGAGCGGTCCACCTC

_____ Coding region: 5' RACE extension _____
V G / H I D I Y P N G G D F Q P G C G / L N D V
TCTCTGGTGAATCAGGACAAGCCGAGTTTTCCTCCAGTGCACTGACTCCAATGGCTTCAAAAAGGG

_____ Coding region: 5' RACE extension _____
L G S I A Y G T I T E V / V K C E H E R A V H L
GATCTGTGAGCTGCCGCAAGAACCGTTGTAATGTCATTGGCTACAAATGCCAAGAAAATGAGGAACA

— Gly — Thr — Val —
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— Glu — Met — Pro —

— Phe — Val — Asp —

FIG. 3B

Coding region: 5' RACE extension
 S L V N Q D K P S F A F Q C T D S N / R F K K G
 GCAAATGTACCTAAACCCGGCAGGCATGCCCTTTCAGAGGTAACCTTCAGTCCCTGGAGTGTCAA

Coding region: 5' RACE extension
 I C L S C R K N R C N / S I G Y N A K K M R N
 GCCGAATTC

Lys - Arg - Asn
 5' / 30

Coding region: 5' RACE extension
 S K M Y L K T R A G M P F R G N L Q S L E C Q

A E F

FIG. 3C